

## **IN THE CLAIMS**

Please amend claim 15 as set forth below. The text of all pending claims, along with their current status, is set forth below:

1. (Previously presented) A method for enabling communication between a first agent in a first domain and a second agent in a second domain, the first domain having a first domain coordinator and a first domain service bus and the second domain having a second domain coordinator and a second domain service bus, the method comprising:

- a) registering the first domain coordinator with the second domain service bus without registering the first agent; and
- b) providing communication between the second agent and the first agent via the second domain service bus, the first domain service bus and the first domain coordinator.

2. (Previously presented) The method of claim 1, comprising:

- i) providing a client-side interface for a send-message service that can be employed by other agents in a different domain to communicate with the first agent; and
- ii) employing the client-side interface for the send-message service to facilitate communication between the second agent and the first agent.

3. (Previously presented) The method of claim 2, comprising:

- i) directing a message from the second agent to the first domain coordinator, which serves as a point of presence for the first agent;

- ii) the first domain coordinator receiving the message and forwarding the message to the first agent.

4. (Previously presented) The method of claim 1 wherein the first domain coordinator is a point-of-presence for communication directed to the first agent by agents external to the first domain.

5. (Previously presented) The method of claim 1 wherein the second domain service bus is an E-speak service bus.

6. (Previously presented) The method of claim 1 wherein the second domain service bus is an HTTP service bus.

7. (Previously presented) The method of claim 1 wherein the second domain service bus provides one or more of dynamic firewall transversal services, access control services, security services, billing services, authentication services, authorization services, or other predefined infrastructure services.

8. (Previously presented) The method of claim 1 wherein the coordinator provides one or more of naming services, resource directory services, or send-messages service.

9. (Previously presented) The method of claim 3, comprising:  
invoking the send-message service, wherein the send-message service is provided by  
the second domain service bus; and  
employing a local naming service to forward the message to the first agent.
10. (Previously presented) The method of claim 9 wherein invoking the send-message service comprises specifying a domain name and receiver agent name.
11. (Original) The method of claim 1 wherein the first agent and the second agent communicate in a publish and subscribe mode.
12. (Original) The method of claim 1 wherein the first domain is a first enterprise and the second domain is a second enterprise.
13. (Previously presented) A system for enabling communication between agents in different domains comprising:
- a) a first domain service bus in a first domain and a second domain service bus in a second domain for providing infrastructure services;
  - b) a first domain coordinator in the first domain having a send-message service that is registered with the second domain service bus without having the first agent registered with the second domain service bus; and
  - c) a first agent in the first domain and a second agent in the second domain, wherein the second agent sends a message directed to the first agent by

employing the send-message service of the first domain coordinator, wherein the first domain coordinator provides a point-of-presence gateway for receiving messages directed to the first agent and forwarding the message to the first agent.

14. (Previously presented) The system of claim 13 comprising delivering messages between agents based on service invocation and the infrastructure services, and wherein the system does not require a centralized coordinator.

15. (Currently amended) The system of claim 13 wherein the first agent communicates a plurality of messages with the second agent across domains by invoking the send-message service, ~~and wherein the system provides a point-of-presence approach to address an interface diversity problem.~~

16. (Previously presented) The system of claim 13 wherein the first agent is required to keep only a client-side interface of the first domain coordinator in order to communicate with other agents in the first domain.

17. (Previously presented) The system of claim 13 wherein no other send-message service need be registered with the second domain service bus to enable agents external to the first domain to communicate with every agent in the first domain.

18. (Previously presented) A method for enabling inter-enterprise agent communication comprising the steps of:

- a) grouping agents into a first group in a first domain having a first domain service bus and grouping agents into a second group in a second domain having a second domain service bus;
  - b) assigning a coordinator to the agents in the first group;
  - c) registering a send-message service of the coordinator with the second domain service bus without registering agents in the first group;
  - d) the coordinator receiving messages from the second domain; wherein the messages are directed to a one of the agents in the first group; and
  - e) the coordinator forwarding the messages to an intended recipient agent;
- wherein the second domain service bus provides inter-enterprise communication services between the first domain and the second domain.

19. (Original) The method of claim 18 wherein the first domain is disposed in a first enterprise and the second is disposed in a second enterprise.

20. (Previously presented) The method of claim 18 wherein the second domain service bus provides one or more of dynamic firewall transversal services, access control services, security services, billing services, authentication services, authorization services, or other predefined infrastructure services.